

GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.

OM protein - protein search, using sw model

Run on: December 15, 2003, 14:50:12 ; Search time 21 Seconds
(without alignments)

624.589 Million cell updates/sec

Title: US-09-831-805A-6

Perfect score: 1635

Sequence: 1 MALRRPRLRLCARLPDFLL.....VNYINTDEGDRHKSSFVI 310

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA.*

- 1: /cgn2_6/ptodata/1/1aa/5A_COMB.pep.*
- 2: /cgn2_6/ptodata/1/1aa/5B_COMB.pep.*
- 3: /cgn2_6/ptodata/1/1aa/6A_COMB.pep.*
- 4: /cgn2_6/ptodata/1/1aa/6B_COMB.pep.*
- 5: /cgn2_6/ptodata/1/1aa/PCTUS_COMB.pep.*
- 6: /cgn2_6/ptodata/1/1aa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	476	29.1	298	4	US-09-152-060-76
2	456.5	27.9	312	4	US-09-254-465A-9
3	449.5	27.5	300	4	US-09-254-465A-10
4	419	25.6	299	3	US-09-188-930-331
5	419	25.6	299	4	US-09-462-270-2
6	419	25.6	299	4	US-09-254-465A-1
7	419	25.6	299	4	US-09-312-283C-189
8	419	25.6	299	4	US-09-312-283C-331
9	407	24.9	299	3	US-09-188-930-189
10	387.5	23.7	260	4	US-09-254-465A-23
11	387.5	23.7	263	4	US-09-254-465A-25
12	283	17.3	205	4	US-09-462-270-4
13	231.5	14.2	319	1	US-08-597-495B-22
14	231.5	14.2	319	3	US-09-068-051A-22
15	231.5	14.2	319	4	US-09-336-536-67
16	231.5	14.2	319	4	US-09-254-465A-6
17	220.5	13.5	270	4	US-09-254-465A-24
18	220.5	13.5	273	4	US-09-254-465A-26
19	215.5	13.2	318	3	US-09-068-051A-32
20	198.5	12.1	387	4	US-09-175-928-2
21	197.5	12.1	373	4	US-09-996-243-503
22	175.5	10.7	370	4	US-09-336-536-28
23	171.5	10.5	390	2	US-08-979-424-1
24	171.5	10.5	394	4	US-09-336-536-39
25	168.5	10.3	341	4	US-09-336-536-29
26	168.5	10.3	398	4	US-09-778-510-6
27	167	10.2	365	4	US-09-336-536-40

Sequence 31, Appl
Sequence 2, Appl
Sequence 505, App
Sequence 3, Appl
Sequence 2, Appl
Sequence 18, Appl
Sequence 2, Appl
Sequence 3, Appl
Sequence 42, Appl
Sequence 11, Appl
Sequence 11, Appl
Sequence 11, Appl
Sequence 28, Appl
Sequence 2, Appl
Sequence 16, Appl
Sequence 29, Appl

28 164.5 10.1 246 4 US-09-336-536-31
29 164.5 10.1 365 3 US-08-928-383B-2
30 161.5 9.9 352 4 US-09-996-243-505
31 161.5 9.9 365 2 US-08-979-424-3
32 161.5 9.9 365 3 US-09-272-496-2
33 158 9.7 95 3 US-08-928-383B-18
34 157.5 9.6 1101 3 US-08-986-485-2
35 156 9.5 1501 2 US-08-447-464-3
36 156 9.5 1501 2 US-08-716-679-3
37 155.5 9.5 249 4 US-09-336-536-42
38 155.5 9.5 612 2 US-08-752-307B-11
39 155.5 9.5 612 4 US-08-707-802-11
40 155.5 9.5 612 4 US-09-991-326-11
41 155.5 9.5 1268 4 US-08-506-296B-28
42 155 9.5 432 4 US-09-778-510-2
43 154 9.4 1651 3 US-09-540-245A-18
44 152.5 9.3 869 1 US-08-374-834-16
45 152.5 9.3 869 2 US-08-644-271-29

ALIGNMENTS

RESULT 1
US-09-152-060-76
; Sequence 76, Application US/09152060
; Patent No. 6448230
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 28 Human Secreted Proteins
; FILE REFERENCE: P2003P1.US
; CURRENT APPLICATION NUMBER: US/09/152.060
; CURRENT FILING DATE: 1998-09-11
; EARLIER APPLICATION NUMBER: PCT/US98/04858
; EARLIER FILING DATE: 1998-03-12
; EARLIER APPLICATION NUMBER: 60/040,762
; EARLIER FILING DATE: 1997-03-14
; EARLIER APPLICATION NUMBER: 60/040,710
; EARLIER FILING DATE: 1997-03-14
; EARLIER APPLICATION NUMBER: 60/050,934
; EARLIER FILING DATE: 1997-05-30
; EARLIER APPLICATION NUMBER: 60/048,100
; EARLIER FILING DATE: 1997-05-30
; EARLIER APPLICATION NUMBER: 60/048,357
; EARLIER FILING DATE: 1997-05-30
; EARLIER APPLICATION NUMBER: 60/048,189
; EARLIER FILING DATE: 1997-05-30
; EARLIER APPLICATION NUMBER: 60/057,765
; EARLIER FILING DATE: 1997-09-05
; EARLIER APPLICATION NUMBER: 60/048,970
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/068,368
; EARLIER FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 76
; LENGTH: 298
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (42)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (58)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-152-060-76

Query Match 29.1%; Score 476; DB 4; Length 298;
Best Local Similarity 35.8%; Pred. No. 8.2e-41;
Matches 114; Conservative 59; Mismatches 117; Indels 28; Gaps 10;

QY 1 MALRRPRLRLCARLPDFFLLFRGLIG-----AVNLKSSNRTPVVO--EFESVELSC 53
Db 1 MARRSRHL-----LLLLLRYLVVALGYHKAYGFSAPKDOQVTVAVXYQAILAC 50
QY 54 IITDSQSDPRIWKIODEQTYFFDNKIQDLAGRAELIGKTSKIKWNRDRSALY 113
Db 51 -KTPKTKVSRLEWKKL-GRSVSFVYQOTLOGDFKNRAEMI-DFNIRIKNVRSDAGKY 107
QY 114 RCEVVARNDR-KEIDIEVIELTVQVKPTVPCRVKAVPVGKMATLHCQEGHPRPHYS 172
Db 108 RCEVAPSEQGNLEEDTTLVLVAPVPSCEVPSSALSGTVBELRCQKGNPAPYPT 167
QY 173 WYRNDVPLPTDRANPRFRNSSHLNSETGTLVFAVHKDDSGQYCIASNDAGSARCEE 232
Db 168 WFKDGIRLLENPRLGQSSTNSSTYTNMTKTGLTQNTVSKLDTGEYSCARNVGVYRRCPG 227
QY 233 QEMEVDNLNIGIIGVVLVALIITLIGCCAYRRGYFNNKQDGESYKPNPKPDGVN 292
Db 228 KRMQVDDLNIISGIIAAVVVALVISVCGLGVCYAQRKGYF--SKE--TSFQ---KSNSSS 280
QY 293 YIRDEEGDFRHKSSFVI 310
Db 281 KATTMSENDFRHKSFII 298

RESULT 2

US-09-254-465A-9
; Sequence 9, Application US/09254465A
; Patent No. 6410708
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
; TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
; FILE REFERENCE: P1216R1(US)
; CURRENT APPLICATION NUMBER: US/09/254,465A
; CURRENT FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US98/24855
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: US 60/066,364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 60/078,936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: PCT/US98/19437
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO 9
; LENGTH: 312
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-254-465A-9

Query Match 27.9%; Score 456.5; DB 4; Length 312;
Best Local Similarity 37.1%; Pred. No. 9e-39;
Matches 104; Conservative 51; Mismatches 104; Indels 21; Gaps 7;

QY 1 MALRRPRLRLCARLPDFFLLFRGLIG-----AVNLKSSNRTPVVO--EFESVELSC 53
Db 1 MARRSRHL-----LLLLLRYLVVALGYHKAYGFSAPKDOQVTVAVXYQAILAC 50
QY 54 IITDSQSDPRIWKIODEQTYFFDNKIQDLAGRAELIGKTSKIKWNRDRSALY 113
Db 51 -KTPKTKVSRLEWKKL-GRSVSFVYQOTLOGDFKNRAEMI-DFNIRIKNVRSDAGKY 107
QY 114 RCEVVARNDR-KEIDIEVIELTVQVKPTVPCRVKAVPVGKMATLHCQEGHPRPHYS 172
Db 108 RCEVAPSEQGNLEEDTTLVLVAPVPSCEVPSSALSGTVBELRCQKGNPAPYPT 167

QY 173 WYRNDVPLPTDRANPRFRNSSHLNSETGTLVFAVHKDDSGQYCIASNDAGSARCEE 232
Db 168 WFKDGIRLLENPRLGQSSTNSSTYTNMTKTGLTQNTVSKLDTGEYSCARNVGVYRRCPG 227
QY 233 QEMEVDNLNIGIIGVVLVALIITLIGCCAYRRGYF 272
Db 228 KRMQVDDLNIISGIIAAVVVALVISVCGLGVCYAQRKGYF 267

RESULT 3

US-09-254-465A-10
; Sequence 10, Application US/09254465A
; Patent No. 6410708
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
; TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
; FILE REFERENCE: P1216R1(US)
; CURRENT APPLICATION NUMBER: US/09/254,465A
; CURRENT FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US98/24855
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: US 60/066,364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 60/078,936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: PCT/US98/19437
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO 10
; LENGTH: 300
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-254-465A-10

Query Match 27.5%; Score 449.5; DB 4; Length 300;
Best Local Similarity 35.2%; Pred. No. 4.5e-38;
Matches 105; Conservative 56; Mismatches 122; Indels 15; Gaps 7;

QY 20 LLLFRGCLIGAV-----NLKSSNRTPVVOEFESVELSCIITDSDPRIWKIODEQ 74
Db 11 LLLFTSMILGSLVQKGSVVTAQSDVQVPENESIKLTC--TYSQFSRPRVEMKVFQGST 68
QY 75 TTYVFFDNKIQDLAGRAELIGKTSKIKWNRDRSALYRCEVVARNDRKEIDIEVIELT 134
Db 69 TALVCYNSQITAPYADRV-TFSSSGITFSSVTRKNGEYTC-MVSEEGQNGYEVSIHLT 126
QY 135 VQVKPTVPCRVKAVPVGKMATLHCQEGHPRPHYSWYRNDVPLPT-DSRANPRFRNS 193
Db 127 VLVPSPKPTTSVPSVTVIGRAVLTCSEHDGSPFSESWFKDGISMLTADAKKTRAFNS 186
QY 194 SSLNSETGTLVFAVHKDDSGQYCIASNDAGSA-RCEQEMEVYDNLNIGIIGVVLV 252
Db 187 SFTIDPKSGDLIFDPVTAFDSDGEYVQAGYGTARSEAAHMDAVELNVGIVAAVLVT 246
QY 253 LAVLALITLIGCCAYRRGYFNNKQDGESYKPNPKPDGVNVRTDECDPRHKSSFVI 310
Db 247 LILLGLLIFGVWFAYSRYGTFETTKG-----TAPGKKVIYQSPSTRSEGEFKQTSFLV 300

RESULT 4

US-09-188-930-331
; Sequence 331, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:

```
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James Grog
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; TITLE OF INVENTION: and Methods For Their Use
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 331
; LENGTH: 299
; TYPE: PRT
; ORGANISM: Human
US-09-188-930-331

Query Match 25.6%; Score 419; DB 3; Length 299;
Best Local Similarity 32.8%; Pred. No. 6.2e-35;
Matches 101; Conservative 47; Mismatches 138; Indels 22; Gaps 7;

Qy 8 RLRLCARLPDPFLLLLFRGLIGAVNLKSSNRTVPVQEFESVELSCIITDSQTSDPRIEW 67
Db 9 RKLLCL-----FILAILLCSLALGSVTVHSSPEVRIPENNPKLSLAY--SGFSSPRVW 62
Qy 68 KKIODEQTYVFFDNKIQDLAGRAEILGKTSKIMVWTRRDSALYRCVVARNDRKEID 127
Db 63 KFDQDGTTRLVCYNNKITASYEDRVTFI-PTGITFKSVTRDTGTTC-MVSEEGGNSYG 120
Qy 128 EIVIELTVQVKPVTVCVRPKAVPVGKMATLHCQSEGHPRPHYSWYRNDVPLPTDSRAN 187
Db 121 EVKVKLIVLPVPPSKPTVNPSSATIGNRAVLTCSEQDGSPPSEYTFWFKDGIWMPNPKST 180
Qy 188 PRFRNSSHLNSETGLVFTAVHKDDSGOYYCIASNDAGSARCEQ-EMEYVDNLIGIIL 246
Db 181 RAFNSSYVLNPTTGGELVDFPLSDTGEYSCEARNGYGTPMTSNVAVRMEAVERNVGVIV 240
Qy 247 GGVLVLAVALITLIGICCAVRGYYFINNKODGES---YKNPGKPDGVNVRTDEEGDF 302
Db 241 AAVLVTLLILGLVFGIWFAYSRGHFDRTKKGTSSKKVIYSQPS-----ARSEGEF 291
Qy 303 RHKSSFVI 310
Db 292 KQTSSFLV 299

RESULT 6
US-09-254-465A-1
; Sequence 1, Application US/09254465A
; Patent No. 6410708
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: OF DISORDERS CHARACTERIZED BY A33- RELATED ANTIGENS
; FILE REFERENCE: P1216R1(US)
; CURRENT APPLICATION NUMBER: US/09/254,465A
; CURRENT FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US98/24855
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: US 60/066,364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 60/078,936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: PCT/US98/19437
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO 1
; LENGTH: 299
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-254-465A-1

Query Match 25.6%; Score 419; DB 4; Length 299;
Best Local Similarity 32.8%; Pred. No. 6.2e-35;
Matches 101; Conservative 47; Mismatches 138; Indels 22; Gaps 7;

Qy 8 RLRLCARLPDPFLLLLFRGLIGAVNLKSSNRTVPVQEFESVELSCIITDSQTSDPRIEW 67
Db 9 RKLLCL-----FILAILLCSLALGSVTVHSSPEVRIPENNPKLSLAY--SGFSSPRVW 62
Qy 68 KKIODEQTYVFFDNKIQDLAGRAEILGKTSKIMVWTRRDSALYRCVVARNDRKEID 127
Db 63 KFDQDGTTRLVCYNNKITASYEDRVTFI-PTGITFKSVTRDTGTTC-MVSEEGGNSYG 120
Qy 128 EIVIELTVQVKPVTVCVRPKAVPVGKMATLHCQSEGHPRPHYSWYRNDVPLPTDSRAN 187
Db 121 EVKVKLIVLPVPPSKPTVNPSSATIGNRAVLTCSEQDGSPPSEYTFWFKDGIWMPNPKST 180
Qy 188 PRFRNSSHLNSETGLVFTAVHKDDSGOYYCIASNDAGSARCEQ-EMEYVDNLIGIIL 246
Db 181 RAFNSSYVLNPTTGGELVDFPLSDTGEYSCEARNGYGTPMTSNVAVRMEAVERNVGVIV 240
Qy 247 GGVLVLAVALITLIGICCAVRGYYFINNKODGES---YKNPGKPDGVNVRTDEEGDF 302
Db 241 AAVLVTLLILGLVFGIWFAYSRGHFDRTKKGTSSKKVIYSQPS-----ARSEGEF 291
Qy 303 RHKSSFVI 310
Db 292 KQTSSFLV 299

RESULT 5
US-09-462-270-2
; Sequence 2, Application US/09462270
; Patent No. 6358707
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Human Fil Antigen; A Cell Surface
; TITLE OF INVENTION: Receptor Involved in Platelet Aggregation
; FILE REFERENCE: GH-70150US
; CURRENT APPLICATION NUMBER: US/09/462,270
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 60/052,186
; PRIOR FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 299
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-09-462-270-2

Query Match 25.6%; Score 419; DB 4; Length 299;
Best Local Similarity 32.8%; Pred. No. 6.2e-35;
Matches 101; Conservative 47; Mismatches 138; Indels 22; Gaps 7;

Qy 8 RLRLCARLPDPFLLLLFRGLIGAVNLKSSNRTVPVQEFESVELSCIITDSQTSDPRIEW 67
```

QY 188 PRFRNSSHLNSETGLVFTAVHKDSDGQYCIASNDAGSARCEQ-EMEYVDLNIIGII 246
Db 181 RAFNSSSVLNPFTTGLVFDPLSADTGEYSCEARNGYTPWTSNAVRMEAVERNVGVIV 240
QY 247 GGVLVVLAVLALITIGICAYRGVFINNKQDGES-----YKNPGKPDGVNVRTDEEGDF 302
Db 241 AAVLVTLLGLVFGIWFAYSRGHFDRTKKGTSSKKVIYSQPS-----ARSEGEF 291
QY 303 RHKSSFVI 310
Db 292 KQTSSFLV 299

RESULT 7

US-09-312-283C-189
; Sequence 189, Application US/09312283C

; Patent No. 6573095

; GENERAL INFORMATION:

; APPLICANT: Watson, James D.

; APPLICANT: Strachan, Lorna

; APPLICANT: Sleeman, Matthew

; APPLICANT: Onrust, Rene

; APPLICANT: Murison, James G.

; APPLICANT: Kumble, Krishanand D.

; TITLE OF INVENTION: Compositions Isolated from Skin Cells

; FILE REFERENCE: 11000.1011c2

; CURRENT APPLICATION NUMBER: US/09/312,283C

; CURRENT FILING DATE: 1999-05-14

; NUMBER OF SEQ ID NOS: 425

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 189

; LENGTH: 299

; TYPE: PRT

; ORGANISM: Mouse

US-09-312-283C-189

Query Match 25.6%; Score 419; DB 4; Length 299;

Best Local Similarity 32.8%; Pred. No. 6.2e-35;

Matches 101; Conservative 47; Mismatches 138; Indels 22; Gaps 7;

QY 8 RLRLCARLPDFFLLFRGCLIGAVNLKSSNRTVPVQEFSEVELSCIITDSQSDPRIEW 67
Db 9 RKLLCL----FILAILLCSLALGSVTVHSSEVRIPENNPKLSLAY--SGFSSPRVW 62

QY 68 KKIODEQTYVFFDNKIQGLAGRAEILGKTSKIMVTRRDSALYRCVVARNDKREID 127
Db 63 KFDQGDTRLVLCYNNKITASVEDRVTEL-PTGITFKSVTREDTGTYYTC-MVSEEGNSY 120

QY 128 EIVIELTVQVKPVTVCVRPKAVPVGMKATLHCQSEGHPRPHYSWYRNDVPLPTDSRAN 187
Db 121 EVVKLVILVPPSKPTVNIPSSATIGNRAVLTCSEQDGPSEYTFWFKDGIWMTNPKST 180

QY 188 PRFRNSSHLNSETGLVFTAVHKDSDGQYCIASNDAGSARCEQ-EMEYVDLNIIGII 246
Db 181 RAFNSSSVLNPFTTGLVFDPLSADTGEYSCEARNGYTPWTSNAVRMEAVERNVGVIV 240

QY 247 GGVLVVLAVLALITIGICAYRGVFINNKQDGES-----YKNPGKPDGVNVRTDEEGDF 302
Db 241 AAVLVTLLGLVFGIWFAYSRGHFDRTKKGTSSKKVIYSQPS-----ARSEGEF 291

QY 303 RHKSSFVI 310

Db 292 KQTSSFLV 299

RESULT 8

US-09-312-283C-331

; Sequence 331, Application US/09312283C

; Patent No. 6573095

; GENERAL INFORMATION:

; APPLICANT: Watson, James D.

; APPLICANT: Strachan, Lorna

; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James G.
; APPLICANT: Kumble, Krishanand D.
; TITLE OF INVENTION: Compositions Isolated from Skin Cells
; FILE REFERENCE: 11000.1011c2
; CURRENT APPLICATION NUMBER: US/09/312,283C
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 425
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 331
; LENGTH: 299
; TYPE: PRT
; ORGANISM: Mouse
US-09-312-283C-331

Query Match 25.6%; Score 419; DB 4; Length 299;

Best Local Similarity 32.8%; Pred. No. 6.2e-35;

Matches 101; Conservative 47; Mismatches 138; Indels 22; Gaps 7;

QY 8 RLRLCARLPDFFLLFRGCLIGAVNLKSSNRTVPVQEFSEVELSCIITDSQSDPRIEW 67
Db 9 RKLLCL----FILAILLCSLALGSVTVHSSEVRIPENNPKLSLAY--SGFSSPRVW 62

QY 68 KKIODEQTYVFFDNKIQGLAGRAEILGKTSKIMVTRRDSALYRCVVARNDKREID 127
Db 63 KFDQGDTRLVLCYNNKITASVEDRVTEL-PTGITFKSVTREDTGTYYTC-MVSEEGNSY 120

QY 128 EIVIELTVQVKPVTVCVRPKAVPVGMKATLHCQSEGHPRPHYSWYRNDVPLPTDSRAN 187
Db 121 EVVKLVILVPPSKPTVNIPSSATIGNRAVLTCSEQDGPSEYTFWFKDGIWMTNPKST 180

QY 188 PRFRNSSHLNSETGLVFTAVHKDSDGQYCIASNDAGSARCEQ-EMEYVDLNIIGII 246
Db 181 RAFNSSSVLNPFTTGLVFDPLSADTGEYSCEARNGYTPWTSNAVRMEAVERNVGVIV 240

QY 247 GGVLVVLAVLALITIGICAYRGVFINNKQDGES-----YKNPGKPDGVNVRTDEEGDF 302
Db 241 AAVLVTLLGLVFGIWFAYSRGHFDRTKKGTSSKKVIYSQPS-----ARSEGEF 291

QY 303 RHKSSFVI 310

Db 292 KQTSSFLV 299

RESULT 9

US-09-188-930-189

; Sequence 189, Application US/09188930A

; Patent No. 6150502

; GENERAL INFORMATION:

; APPLICANT: Watson, James D.

; APPLICANT: Strachan, Lorna

; APPLICANT: Sleeman, Matthew

; APPLICANT: Onrust, Rene

; APPLICANT: Murison, James Greg

; TITLE OF INVENTION: Compositions Isolated from Skin Cells

; FILE REFERENCE: 11000.1011c1

; CURRENT APPLICATION NUMBER: US/09/188,930A

; CURRENT FILING DATE: 1998-11-09

; NUMBER OF SEQ ID NOS: 348

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO 189

; LENGTH: 299

; TYPE: PRT

; ORGANISM: Human

; FEATURE:

; NAME/KEY: UNSURE

; LOCATION: (247)... (247)

; NAME/KEY: UNSURE

; LOCATION: (289)... (289)

US-09-188-930-189


```
RESULT 12
US-09-462-270-4
; Sequence 4, Application US/09462270
; Patent No. 6358707
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Human F11 Antigen: A Cell Surface
; FILE OF INVENTION: Receptor Involved in Platelet Aggregation
; FILE REFERENCE: GH-70150US
; CURRENT APPLICATION NUMBER: US/09/462,270
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 60/052,186
; PRIOR FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 205
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-09-462-270-4

Query Match      17.3%; Score 283; DB 4; Length 205;
Best Local Similarity 33.7%; Pred. No. 3.6e-21;
Matches 67; Conservative 31; Mismatches 93; Indels 8; Gaps 4;

QY      8 RLRLCARLPDFLLFRGLIGAVNLKSSNRTPVVQEFESVELSCIITDSQTSDPRIEM 67
DB      9 RKLCLL-----FLAILLCSLAGSVTVHSSPEVEIPENNPVKLSLAY--SGFSSPRVEM 62

QY      68 KKIQEQTYYVFDNKIQGLAGRAEILGKTSKLTWNTRDSALYRCEVVARNDKRKID 127
DB      63 KFDGDTTLVCCYNNKITASYEDRVTFLL-PTGITFKSVTREDTGYTC-MVSEEGGNSYG 120

QY      128 ELVIELTVQVRPVPVCRVPAVPGKMATLHCQSEGHPRPHYSWYRNDVPLPTDSRAN 187
DB      121 EVKVKLIVLVPSPKTPVNPISATIGNRAVLTCSEQDGSPPEYTFWFKDGIWMTNPVKST 180

QY      188 PRFRNSSSHLNSGTGLVF 206
DB      181 RAFSNSSVLPNPTTGELVF 199

RESULT 13
US-08-597-495B-22
; Sequence 22, Application US/08597495B
; Patent No. 5712369
; GENERAL INFORMATION:
; APPLICANT: Old, Lloyd J.; Welt, Sydney; Ritter, Gerd;
; APPLICANT: Simpson, Richard J.; Nice, Edouard; Moritz, R. L.;
; APPLICANT: Catimel, B.; Ji, Hong; Burgess, Anthony W.;
; APPLICANT: Heath, Joan K.; White, Sara J.; Johnstone, Cameron
; TITLE OF INVENTION: Colon Cell And Colon Cancer Cell
; TITLE OF INVENTION: Associated Nucleic Acid Molecules, Protein And Peptides
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/597,495B
; FILING DATE: 02-Feb-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: 08/511,876
; FILING DATE: 04-Aug-1995
```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Hanson, No. 5712369man D.
; REGISTRATION NUMBER: 30,946
; REFERENCE/DOCKET NUMBER: LUD 5316.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 319 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
US-08-597-495B-22

Query Match      14.2%; Score 231.5; DB 1; Length 319;
Best Local Similarity 26.8%; Pred. No. 1.4e-15;
Matches 81; Conservative 46; Mismatches 134; Indels 41; Gaps 13;

QY      29 IGAVNLKSSNRTPVVQEFESVELSCII-TDSQTSDPRIEWKKIQDEQTYVVF---FDNK- 83
DB      19 VDAISVETPDVLRASQSKSVTLPTCTVHTTSSREGLIQWDKLLLTHTERVVIWPFSSKN 78

QY      84 -IQDGL-----AGRAEILGKTSKLTWNTRDSALYRCEVVARNDKRKEIDEIVIELTV 135
DB      79 YIHGELYKNRVSTISNNAE-QSDASITIDQLTMADNGTYECSVLSMSDLEGNTKSRVRLV 137

QY      136 QVKPVTVPVCRVPAVPGKMATLHCQSEGHPRPHYSWYRNDVPLPTDSRANPRFRNSSS 195
DB      138 LVPSKPECGIEGTIIIGNNIQLTCQSKESPTPTQYWKRYNINLQOPLAQPASGGPVS 197

QY      196 HLNSETGLVFTAVHKDDSGYYCIASNDAGSARCE-EQEMEVDYLNIG---GIIGGVLV 251
DB      198 LKNIST-----DTSGVYICTSSNEBGTQCNITVAVRSPSMNVALVYGVIAVGVA 247

QY      252 VLAVLALITIGICAYRGYFIN--NKQDG-----ESYKNPKGPGVNYI--RTDEGDGR 303
DB      248 ALIIGIHHIYCCCC---RGKDDNTEDKEDARNREAYEEP--PEQLRELGREREEDDYR 302

QY      304 HK 305
DB      303 QE 304

RESULT 14
US-09-068-051A-22
; Sequence 22, Application US/09068051A
; Patent No. 6291235
; GENERAL INFORMATION:
; APPLICANT: Old, Lloyd J.; Welt, Sydney; Ritter, Gerd;
; APPLICANT: Simpson, Richard J.; Nice, Edouard; Moritz, R. L.;
; APPLICANT: Catimel, B.; Ji, Hong; Burgess, Anthony W.;
; APPLICANT: Heath, Joan K.; White, Sara J.; Johnstone, Cameron
; TITLE OF INVENTION: Colon Cell And Colon Cancer Cell
; TITLE OF INVENTION: Associated Nucleic Acid Molecules, Protein And Peptides
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSSEE: Fulbright & Jaworski LLP
; STREET: 666 Fifth Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/068,051A
; FILING DATE: 10-Dec-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: 08/597,495
```


THIS PAGE BLANK (USPTO)